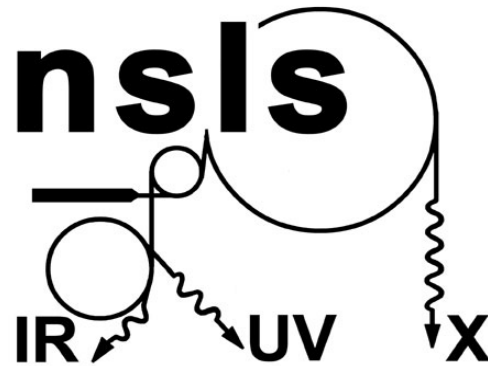
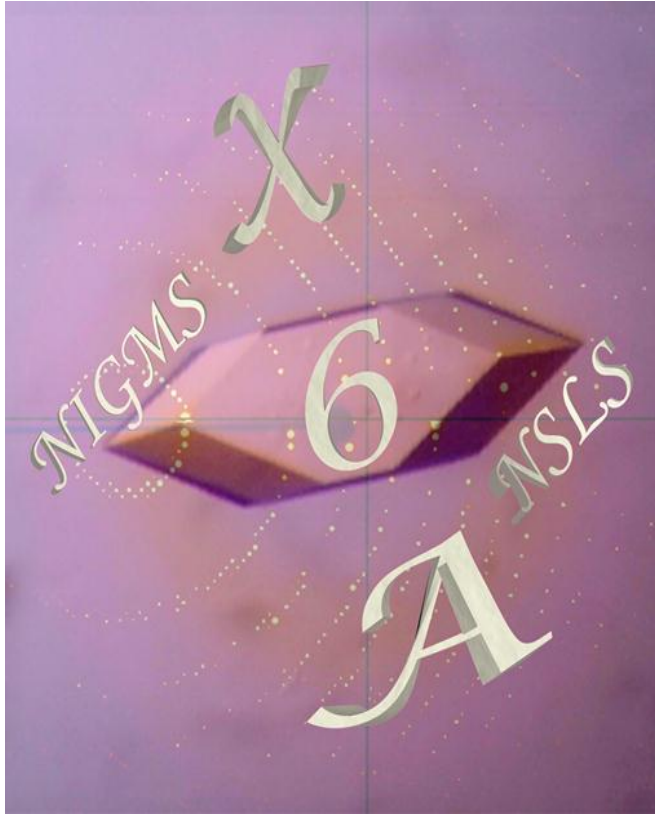


Ten years in operation!

2002

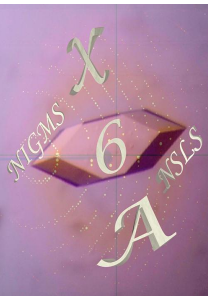


Present



BROOKHAVEN
NATIONAL LABORATORY

Edwin O. Lazo
SAC Meeting February 1, 2013



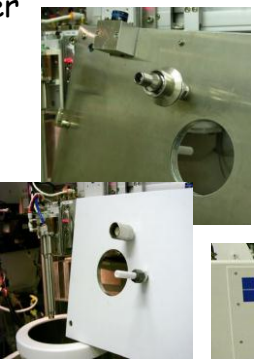
Timeline of X6A's upgrades

2007 Automounter lid upgraded

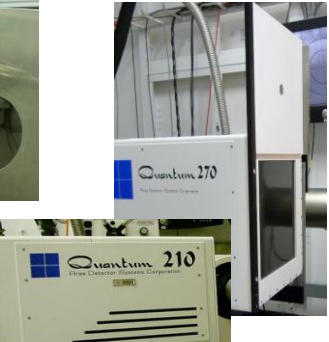


2005 Automounter

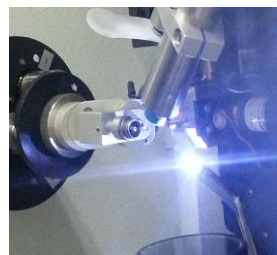
2005 Crystal sample centering is motorized



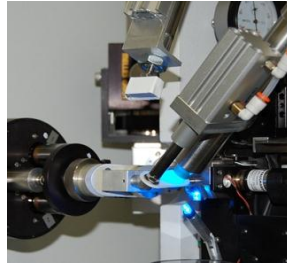
2009 Q270 detector replaces Q210 detector and leaded pixie glass shield added



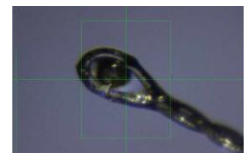
2011 YAG system



2010 Sample illumination



2011 Automated flash annealing device



2011 GigE camera

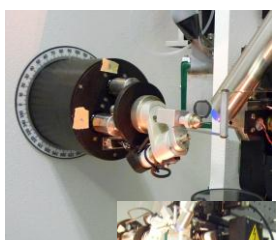
2011 Automounter lid is modified



Current X6A hutch

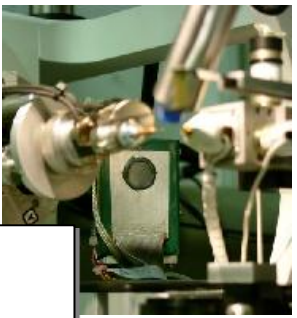
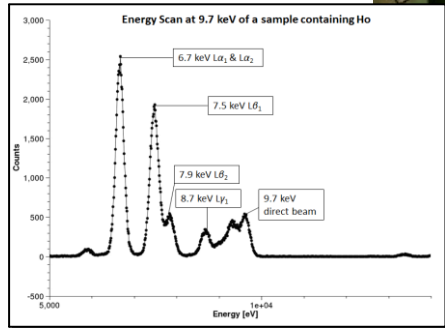
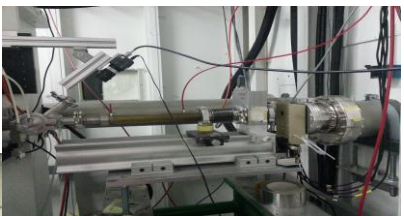


2002 X6A is bought into operations



2005 Kappa-Phi axis replaced by a single Omega axis and inline viewer as well as diffractometer installed

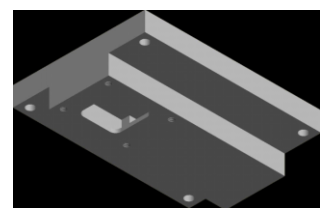
2009 BPM, He path, JJ slits



2010 Vortex detector replaces in-house detector



2011 Lasers implemented



Currently PIN diode is being commissioned





ProteinXpress

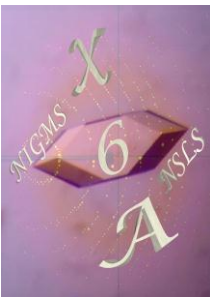
&

RemoteAccess

	2011	2012
Protein Xpress	20	18
Remote Access	1	4

Note: For proteinXpress, approximately 1/3 were collected remotely

Trend: ProteinXpress is remaining constant and remote access is increasing.



User feedback

Muchas Gracias mi amigo,
The structure is already solved with your efforts in the indexing and we see the compound bound. **Elih UMASS Mail-in 2012**

Yes, we're still interested in sending our people for training. I'll submit a rapid access proposal and talk to our team about scheduling. Best regards,
Michael D. Feese, Ph.D. Cocystal Discovery Inc. Remote access 2012

"... I also wanted to say thanks for screening the crystals and showing me how to use the automounter. I learned a lot at the workbench. I thought you would want to know that the previous resolution of the crystals that diffracted to 1.5 angstroms was 2.96. So we made that project champion very happy"- **Matt K. LSU 2012 X6A workbench**

Thank you very much for data collection. May be I'll go to NSLS around Feb 7-10 and bring better and bigger crystals. Hopefully I can see you around and leave some crystals for data collection? **Faik VCU School of Medicine; Mail-in 2013**

